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> 4 Solution of three-dimensional, anisotropic, nonlinear problems of magnetostatics using two scalar potentials, finite and infinite multipol elements and automatic mesh generation

Pissanetzky, S.;

Magnetics, IEEE Transactions on , Volume: 18 , Issue: 2 , Mar 1982

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#### 5 Acoustic vector-sensor correlations in ambient noise

Hawkes, M.; Nehorai, A.;

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Dalgliesh, R.; May, A.D.; Stephan, G.;

Quantum Electronics, IEEE Journal of , Volume: 34 , Issue: 8 , Aug. 1998

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[Abstract] [PDF Full-Text (352 KB)]

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[Abstract] [PDF Full-Text (808 KB)] **IEEE JNL** 

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Fowlkes, C.; Belongie, S.; Malik, J.;

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Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

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## 5 Comparison of the Muller and PMWCHT surface integral formulations the locally corrected Nystrom method

Aiming Zhu; Gedney, S.;

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Taroncher, M.; Vidal, A.; Boria, V.E.; Marini, S.; Soto, P.; Cogollos, S.; Gimen Microwave Conference, 2003. 33rd European, Volume: 1, 7-9 Oct. 2003 Pages: 455 - 458 Vol.1

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### 14 Cramer-Rao bounds for 2-D target shape estimation in nonlinear inverse scattering problems with application to passive radar

Ye, J.C.; Bresler, Y.; Moulin, P.;

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### 16 Analysis of the scattering and radiation features of 3D arbitrarily shaped conducting and dielectric bodies based on a novel boundary integral equation approach

Burghignoli, P.; Di Nallo, C.; Frezza, F.; Galli, A.;

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### 17 Efficient high-order discretization schemes for integral equation methods

Gedney, S.D.; Ottusch, J.; Petre, P.; Visher, J.; Wandzura, S.;

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Pages:1814 - 1817 vol.3

[Abstract] [PDF Full-Text (204 KB)] **IEEE CNF** 

## 18 Two-dimensional transverse-magnetic time-domain scattering usin the Nystro/spl uml/m method and Green's function filtering

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3	INZZ	isotropic ADJ vector ADJ matrix	unrestricted	1	show titles

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whole document

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(YYYYMMDD)	

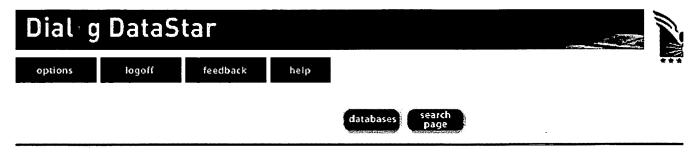
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- Classification codes A: Physics, 4-5
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- Classification codes A: Physics, 9
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- Classification codes B: Electrical & Electronics, 6-9
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- Language of publication

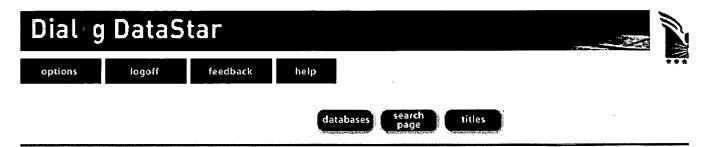
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## **Titles**

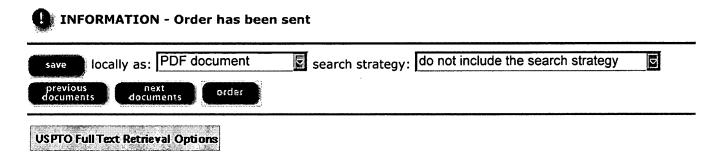
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1 display full document
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1980. (INZZ) Mixing of passive scalar stripes by a three-dimensional multi-mode vector field.
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1972. (INZZ) Tests for isotropy for vertical deflections in Western Germany. II.
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1972. (INZZ) Vertical deflection processing.



## Document

Select the documents you wish to save or order by clicking the box next to the document, or click the link above the document to order directly.



document 2 of 5 Order Document

INSPEC - 1969 to date (INZZ)

#### Accession number & update

3925214, A91089471; 910628.

**Title** 

**Isotropic vector** fields on spheres, spinor structures on spheres and projective spaces.

#### Author(s)

Crumeyrolle-A.

#### **Author affiliation**

Fac des Sci, Toulouse III Univ, France.

Reports-on-Mathematical-Physics (UK), vol.28, no.1, p.27-37, Aug. 1989.

#### **CODEN**

RMHPBE.

#### **ISSN**

ISSN: 0034-4877.

#### **Publication year**

1989.

#### Language

EN.

#### **Publication type**

J Journal Paper.

#### **Treatment codes**

T Theoretical or Mathematical.

#### **Abstract**

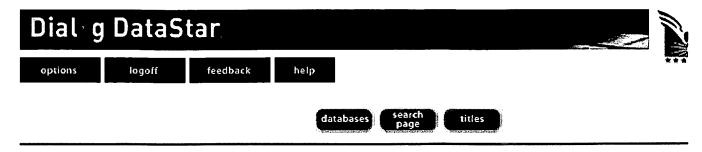
The article has two aims. First, the author constructs on any sphere global fields of isotropic vectors, nowhere zero, cross-sections of the complexified tangent bundle. He gives for n>or=3 two independent methods, one with continuous hypothesis only, the second method with smooth conditions, valid for any dimension n>or=2. The second aim is to give an elementary approach to the existence conditions for spinor structures on spheres and projective spaces, using methods developed in numerous papers. However, the major part of the paper deals with the isotropic vector field problem on spheres. (5 refs).

#### **Descriptors**

quantum-field-theory.

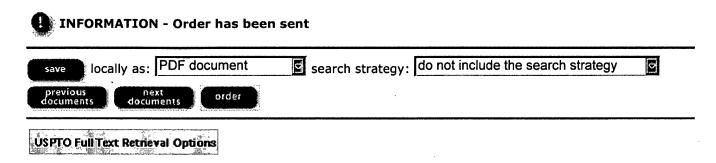
#### Keywords

spinor structures; projective spaces; sphere global fields; isotropic vectors; cross sections;



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document 3 of 5 Order Document

INSPEC - 1969 to date (INZZ)

#### Accession number & update

1651266, A81029691; 810000.

**Title** 

Mixing of passive scalar stripes by a three-dimensional multi-mode vector field.

Source

Physics-of-Fluids (USA), vol.23, no.12, p.2343-7, Dec. 1980.

CODEN

PFLDAS.

ISSN

ISSN: 0031-9171.

**Publication** year

1980.

Language

EN.

#### Publication type

J Journal Paper.

#### **Treatment codes**

T Theoretical or Mathematical.

#### Abstract

An attempt is made to generalize the work of Corrsin and Karweit (1972) by considering the pure convection of a passive scalar by a three-dimensional multi-mode and time-independent random isotropic vector field made up of different Fourier modes. It can be roughly concluded that an initially nonisotropic scalar field has a tendency to return to isotropy under the influence of the mixing. However, it appears that the ratio of the Taylor scales corresponding to two perpendicular directions tends to a value less than one when t is growing. This result is independent of the number of modes. (8 refs).

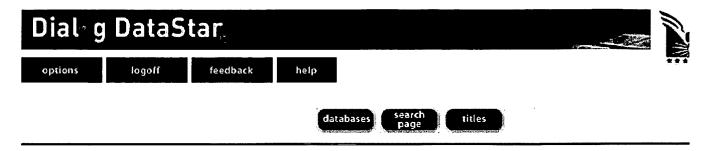
#### Descriptors

convection; disperse-systems; Fourier-analysis; turbulence.

#### Keywords

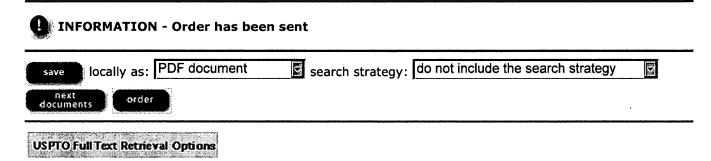
passive scalar stripes; pure convection; passive scalar; time independent random isotropic vector field; Fourier modes; initially nonisotropic scalar field; isotropy; mixing; Taylor scales; three dimensional multimode vector field; turbulence; dispersion.

Classification codes



## **Document**

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### ✓ document 1 of 5 Order Document

INSPEC - 1969 to date (INZZ)

#### **Accession number & update**

6895945, A2001-10-0420-012; 20010401.

**Title** 

Frames of reference in spaces with affine connections and metrics.

#### Author(s)

Manoff-S.

#### **Author affiliation**

Inst of Nucl Res & Nucl Energy, Bulgarian Acad of Sci, Sofia, Bulgaria.

#### Source

Classical-and-Quantum-Gravity (UK), vol.18, no.6, p.1111-25, 21 March 2001., Published: IOP Publishing.

#### **CODEN**

CQGRDG.

#### **ISSN**

ISSN: 0264-9381, CCCC: 0264-9381/2001/061111+15 (\$30.00).

#### **Availability**

SICI: 0264-9381(20010321)18:6L.1111:FRSW; 1-K

Electronic Journal Document Number: S0264-9381(01)19714-5.

#### **Publication year**

2001.

#### Language

EN.

#### **Publication type**

J Journal Paper.

#### **Treatment codes**

T Theoretical or Mathematical.

#### **Abstract**

A generalized definition of a frame of reference in spaces with affine connections and metrics is proposed based on the following set of differential-geometric objects: (a) a non-null (non-isotropic) vector field; (b) the orthogonal to the vector field sub-space; and (c) an affine connection and the related covariant differential operator determining a transport along the given non-null vector field. On the grounds of this definition other definitions related to the notions of accelerated, inertial, proper accelerated and proper inertial frames of reference are introduced and applied to some mathematical models for the spacetime. The auto-parallel equation is obtained as an Euler-Lagrange equation.

Einstein's theory of gravitation appears as a theory for the determination of a special frame of reference (with the gravitational force as an inertial force) by means of the metrics and the characteristics of a material distribution. (43 refs).

#### **Descriptors**

differential-geometry; general-relativity; gravitation.

#### Keywords

frames of reference; affine connections; affine metrics; differential geometric objects; vector field sub space; affine connection; covariant differential operator; proper inertial frames of reference; proper accelerated inertial frames of reference; auto parallel equation; Euler Lagrange equation; gravitational force; material distribution.

#### Classification codes

A0420C (Fundamental problems and general formalism in general relativity). A0240 (Geometry, differential geometry, and topology).

#### **Copyright statement**

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INSPEC - 1969 to date (INZZ)

Accession number & update

6932767, C2001-07-4220-001; 20010528.

Title

Tensional computation: further musings on the computational cosmography.

Author(s)

Nystrom-J-F.

Author affiliation

Dept of Electr Eng, Idaho Univ, Moscow, ID, USA.

**Source** 

Seventh International Workshop on Computation, Optimization and Control, Sante Fe, NM, USA, 24-25 May 1999.

In: Applied-Mathematics-and-Computation (USA), vol.120, no.1-3, p.211-25, 10 May 2001.

**CODEN** 

AMHCBQ.

**ISSN** 

ISSN: 0096-3003, CCCC: 0096-3003/2001/ (\$20.00).

Availability

SICI: 0096-3003(20010510)120:1/3L.211:TCFM; 1-6

Electronic Journal Document Number: S0096-3003(99)00248-9.

Publication year

2001.

Language

EN.

**Publication type** 

CPP Conference Paper, J Journal Paper.

Treatment codes

T Theoretical or Mathematical.

**Abstract** 

Universe operates in pure principle only, where from we can choose to view Universe as an emergent computation. The proposed method for this most basic of computations is the computational cosmography, wherein a system of interacting deformable polyhedra utilizing the geometric primitives of Fuller's synergetic geometry coordinate and evolve within an isotropic vector matrix. A gedanken experiment involving gravity on a two-dimensional lattice is also discussed, as are some consequences associated with this computational cosmographical viewpoint. (35 refs).

**Descriptors** 

cellular-automata; computational-geometry.

Keywords

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	L8	L7 and cell	31							
	L7	L6 and matrix	84							
	L6	L5 and grid	114							
	L5	L4 and computation\$	233							
	L4	L3 and decomposition	480							
	L3	isotropic and vector and field	4400							
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**Search Results -** Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20030046043 A1

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L1: Entry 1 of 1

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030046043

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030046043 A1

TITLE: <u>Isotropic vector field</u> decomposition method for use in scientific

computations

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Nystrom, James Fredrick Corpus Christi TX US

US-CL-CURRENT: 703/2

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L2: Entry 1 of 2

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030046043

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030046043 A1

TITLE: Isotropic vector field decomposition method for use in scientific

computations

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Nystrom, James Fredrick Corpus Christi TX US

US-CL-CURRENT: 703/2



☐ 2. Document ID: US 6442202 B1

L2: Entry 2 of 2

File: USPT

Aug 27, 2002

US-PAT-NO: 6442202

DOCUMENT-IDENTIFIER: US 6442202 B1

TITLE: Motion vector field error estimation

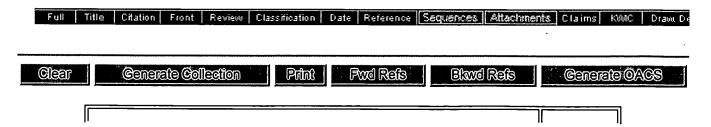
DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Borer; Timothy John Surrey GB

US-CL-CURRENT: 375/240.16



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**Search Results** - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20030046043 A1

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L9: Entry 1 of 4

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030046043

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030046043 A1

TITLE: Isotropic vector field decomposition method for use in scientific

computations

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Nystrom, James Fredrick Corpus Christi TX US

US-CL-CURRENT: 703/2

Full Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawi De
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☐ 2. Document ID: US 6005916 A

L9: Entry 2 of 4

File: USPT

Dec 21, 1999

US-PAT-NO: 6005916

DOCUMENT-IDENTIFIER: US 6005916 A

\*\* See image for <u>Certificate of Correction</u> \*\*

TITLE: Apparatus and method for imaging with wavefields using inverse scattering

techniques

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Johnson; Steven A. Salt Lake City UT Borup; David T. Salt Lake City UT Wiskin; James W. Salt Lake City UT Natterer; Frank Muenster DE

Natterer; Frank Muenster DE Wubeling; F. Muenster DE

Zhang; Yongzhi Madison WI Olsen; Scott Charles Salt Lake City UT Record List Display Page 2 of 3

US-CL-CURRENT: 378/87; 378/98, 600/425, 600/437

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 3. Document ID: US 5588032 A

L9: Entry 3 of 4

File: USPT

Dec 24, 1996

US-PAT-NO: 5588032

DOCUMENT-IDENTIFIER: US 5588032 A

TITLE: Apparatus and method for imaging with wavefields using inverse scattering

techniques

DATE-ISSUED: December 24, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE C	COUNTRY
Johnson; Steven A.	Salt Lake City	UT	84108	
Wiskin; James W.	Salt Lake City	UT	84112	
Borup; David T.	Salt Lake City	UT	84103	
Christensen; Douglas A.	Salt Lake City	UT	84121	
Stenger; Frank	Salt Lake City	UT	84103	

US-CL-CURRENT: 378/8; 378/90, 378/901, 378/98, 702/1

Full   Title   Citation   Front	Review Classification Date Reference	Bequences Attachments Claims K	OMC   Draws De

#### ☐ 4. Document ID: US 5020411 A

L9: Entry 4 of 4

File: USPT

Jun 4, 1991

US-PAT-NO: 5020411

DOCUMENT-IDENTIFIER: US 5020411 A

TITLE: Mobile assault logistic kinetmatic engagement device

DATE-ISSUED: June 4, 1991

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Rowan; Larry

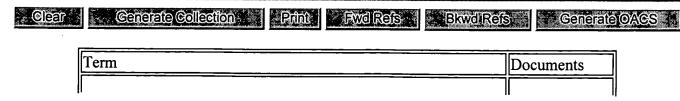
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90230

US-CL-CURRENT: 89/1.11; 376/319, 60/203.1, 89/8

Title Citation Front Review Classification Date Reference Sequences Attackments Claims KMC Draw De



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☐ 1. Document ID: US 20040184350 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 31

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040184350

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040184350 A1

TITLE: System and method for measuring wave directional spectrum and wave height

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Brumley, Blair H. La Jolla CA US
Terray, Eugene A. Falmouth MA US
Strong, Brandon S. San Diego CA US

US-CL-CURRENT: 367/90

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw, De
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☐ 2. Document ID: US 20040125103 A1

L8: Entry 2 of 31 File: PGPB Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040125103

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040125103 A1

TITLE: Apparatus and method for volume processing and rendering

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME CITY COUNTRY RULE-47 STATE US Kaufman, Arie E. Plainview NY Bitter, Ingmar Lake Grove NY US Dachille, Frank Amityville US NY East Setauket Kreeger, Kevin NY US Chen, Baoquan Maple Grove MN US

US-CL-CURRENT: 345/419

Record List Display Page 2 of 9

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

☐ 3. Document ID: US 20030222820 A1

L8: Entry 3 of 31

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030222820

PGPUB-FILING-TYPE: new '

DOCUMENT-IDENTIFIER: US 20030222820 A1

TITLE: Wireless location using hybrid techniques

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Karr, Charles L.

Tuscaloosa

 $\mathtt{AL}$ 

US

Dupray, Dennis J.

Golden

CO

US

US-CL-CURRENT: 342/457

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Do

☐ 4. Document ID: US 20030156762 A1

L8: Entry 4 of 31

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030156762

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030156762 A1

TITLE: Volterra filters for enhancement of contours in images

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

August, Jonas

Pittsburgh

PA

US

US-CL-CURRENT: <u>382/260</u>; <u>382/266</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

□ 5. Document ID: US 20030146871 A1

L8: Entry 5 of 31

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030146871

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030146871 A1

TITLE: Wireless location using signal direction and time difference of arrival

Record List Display Page 3 of 9

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Karr, Charles L. Tuscaloosa AL US
Dupray, Dennis J. Golden CO US

US-CL-CURRENT: 342/457; 342/465, 455/404.2, 455/456.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 6. Document ID: US 20030118246 A1

L8: Entry 6 of 31 File: PGPB Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030118246

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030118246 A1

TITLE: Biased curve indicator random field filters for enhancement of contours in

images

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

August, Jonas Pittsburg PA US

US-CL-CURRENT: 382/260; 382/266

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Draw. De

☐ 7. Document ID: US 20030068831 A1

L8: Entry 7 of 31 File: PGPB Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030068831

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030068831 A1

TITLE: Proteins and druggable regions of proteins

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Edwards, Aled Toronto CA CA
Arrowsmith, Cheryl North York CA
Greenblatt, Jack Toronto CA
Mendlein, John D. Encincitas US

US-CL-CURRENT: <u>436/518</u>; <u>435/7.1</u>, <u>702/19</u>

Record List Display Page 4 of 9

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Do

□ 8. Document ID: US 20030068651 A1

L8: Entry 8 of 31

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030068651

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030068651 A1

TITLE: Multi-target analysis of gene families for chemistry of high affinity and

selective small molecules and other therapeutics

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Arrowsmith, Cheryl North York CA CA
Greenblatt, Jack Toronto CA
Edwards, Aled Toronto CA
Mendlein, John D. Encincitas US

US-CL-CURRENT: 435/7.1; 702/19

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 9. Document ID: US 20030068650 A1

L8: Entry 9 of 31

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030068650

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030068650 A1

TITLE: Target analysis for chemistry of specific and broad spectrum anti-infectives

and other therapeutics

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Greenblatt, Jack Toronto CA CA
Edwards, Aled Toronto CA
Arrowsmith, Cheryl North York CA
Mendlein, John D. Encincitas US

US-CL-CURRENT: 435/7.1; 435/5

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KVMC Draw De

☐ 10. Document ID: US 20030046043 A1

L8: Entry 10 of 31

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030046043

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030046043 A1

TITLE: <u>Isotropic vector field decomposition</u> method for use in scientific

computations

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Nystrom, James Fredrick Corpus Christi TX US

US-CL-CURRENT: 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
	11.	Docum	ent ID	: US 20	002010605	4 A1						
L8: E	ntry	11 of	31				File:	PGPB		Aug	8,	2002

PGPUB-DOCUMENT-NUMBER: 20020106054

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020106054 A1

TITLE: Radiation therapy treatment method

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Caflisch, Russel US Manhattan Beach CA Champaign Goldenfeld, Nigel ILUS Gorlachev, Gennady Moscow RU Kalugin, Pavel Les Ulis FR Montpellier Mechkov, Serguei FR

US-CL-CURRENT: 378/65

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Full	Title	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
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L8: F	Intrv	12 of 31				File: F	GPB		Oct	18. 2	2001

PGPUB-DOCUMENT-NUMBER: 20010031920

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010031920 A1

TITLE: System and method for performing a three-dimensional virtual examination of objects, such as internal organs

Record List Display Page 6 of 9

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME CITY COUNTRY RULE-47 STATE Kaufman, Arie E. Plainview NY US Liang, Zhengrong NY US Stony Brook Wax, Mark R. US Greenlawn NY Wan, Ming Bellevue WA US Chen, Dongqing Pt. Jefferson Station NY US Li, Bin Coram NY US

US-CL-CURRENT: 600/431; 382/130, 382/131, 600/458

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Do

☐ 13. Document ID: US 20010022558 A1

L8: Entry 13 of 31

File: PGPB

Sep 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010022558

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010022558 A1

TITLE: Wireless location using signal fingerprinting

PUBLICATION-DATE: September 20, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Karr, Charles L. JR. Tuscaloosa AL US Dupray, Dennis J. Denver CO US

US-CL-CURRENT: 342/450; 455/456.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 14. Document ID: US 6714620 B2

L8: Entry 14 of 31 File: USPT Mar 30, 2004

US-PAT-NO: 6714620

DOCUMENT-IDENTIFIER: US 6714620 B2

TITLE: Radiation therapy treatment method

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Caflisch; Russel Manhattan Beach CA Goldenfeld; Nigel Champaign IL

Gorlachev; Gennady Moscow RU

Record List Display Page 7 of 9

Kalugin; Pavel Mechkov; Serguei Les Ulis Montpellier FR FR

US-CL-CURRENT: <u>378/65</u>; <u>378/901</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw, De

☐ 15. Document ID: US 6700834 B2

L8: Entry 15 of 31

File: USPT

Mar 2, 2004

US-PAT-NO: 6700834

DOCUMENT-IDENTIFIER: US 6700834 B2

TITLE: System and method for measuring wave directional spectrum and wave height

DATE-ISSUED: March 2, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Brumley; Blair H. La Jolla CA
Terray; Eugene A. Falmouth MA
Strong; Brandon S. San Diego CA

US-CL-CURRENT: <u>367/90</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 16. Document ID: US 6674430 B1

L8: Entry 16 of 31 File: USPT Jan 6, 2004

US-PAT-NO: 6674430

DOCUMENT-IDENTIFIER: US 6674430 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Apparatus and method for real-time volume processing and universal 3D

rendering

DATE-ISSUED: January 6, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kaufman; Arie Plainview NY
Bitter; Ingmar Stony Brook NY
Chen; Baoquan Stony Brook NY
Dachille; Frank Bayport NY
Kreeger; Kevin Port Jefferson NY

US-CL-CURRENT: 345/419; 345/424

☐ 17. Document ID: US 6567567 B1

L8: Entry 17 of 31

File: USPT

May 20, 2003

US-PAT-NO: 6567567

DOCUMENT-IDENTIFIER: US 6567567 B1

TITLE: Sampling and reconstruction of RF signals

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Levin; David N.

Chicago

IL

Nagle; Scott

Oak Park

 ${\tt IL}$ 

US-CL-CURRENT: 382/284; 382/128

Ful	l Title	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawi De
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	<b>18.</b>	Document ID:	US 65	549803 B1							
L8:	Entry	18 of 31			•	File: U	SPT		Apr	15,	2003

US-PAT-NO: 6549803

DOCUMENT-IDENTIFIER: US 6549803 B1

TITLE: Method and apparatus for targeting material delivery to tissue

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Raghavan; Raghu

Baltimore

MD

Poston; Timothy

Singapore

SG

Viswanathan; Raju R.

Towson

MD

US-CL-CURRENT:  $\underline{600}/\underline{431}$ ;  $\underline{382}/\underline{128}$ ,  $\underline{382}/\underline{131}$ ,  $\underline{600}/\underline{407}$ ,  $\underline{600}/\underline{419}$ 

Full   Title	Citation   Front   Review	Classification Date	Reference Sequences	attechments Ola	ims KWC	Draw, De
****						
□ 19.	Document ID: US 6	343936 B1		•		
L8: Entry	19 of 31		File: USPT		Feb 5,	2002

US-PAT-NO: 6343936

DOCUMENT-IDENTIFIER: US 6343936 B1

\*\* See image for <u>Certificate of Correction</u> \*\*

TITLE: System and method for performing a three-dimensional virtual examination, navigation and visualization

DATE-ISSUED: February 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kaufman; Arie E. Plainview NY
Liang; Zhengrong Stony Brook NY
Wax; Mark R. Greenlawn NY
Wan; Ming Stony Brook NY

Chen; Dongqing Lake Ronkonkoma NY

US-CL-CURRENT: 434/262; 128/920, 128/922, 345/952, 345/959, 434/267, 434/272

Full Title Citation Front Review Classification Date Reference <u>Sequences Attachments</u> Claims KMC Draw Do

☐ 20. Document ID: US 6282151 B1

L8: Entry 20 of 31 File: USPT Aug 28, 2001

US-PAT-NO: 6282151

DOCUMENT-IDENTIFIER: US 6282151 B1

TITLE: System and method for measuring wave directional spectrum and wave height

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Brumley; Blair H. La Jolla CA Terray; Eugene A. Falmouth MA

Strong; Brandon S. San Diego CA

US-CL-CURRENT: <u>367/90</u>

Full Title Citation Front Review Classification Date Reference Sequence	es Attachments Claims KWMC Draw De
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**Search Results** - Record(s) 21 through 31 of 31 returned.

☐ 21. Document ID: US 6067340 A

Using default format because multiple data bases are involved.

L8: Entry 21 of 31

File: USPT

May 23, 2000

US-PAT-NO: 6067340

DOCUMENT-IDENTIFIER: US 6067340 A

TITLE: Three-dimensional stochastic tomography with upscaling

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Eppstein; Margaret J. Hinesburg VT 05461 Dougherty; David E. Burlington VT 05401

US-CL-CURRENT: <u>378/4</u>; <u>378/901</u>



☐ 22. Document ID: US 6052334 A

L8: Entry 22 of 31

File: USPT

Apr 18, 2000

US-PAT-NO: 6052334

DOCUMENT-IDENTIFIER: US 6052334 A

TITLE: System and method for measuring wave directional spectrum and wave height

DATE-ISSUED: April 18, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Brumley; Blair H. La Jolla CA
Terray; Eugene A. Falmouth MA
Strong; Brandon S. San Diego CA

US-CL-CURRENT: <u>367/90</u>



☐ 23. Document ID: US 6018600 A

Record List Display Page 2 of 5

L8: Entry 23 of 31

File: USPT

Jan 25, 2000

US-PAT-NO: 6018600

DOCUMENT-IDENTIFIER: US 6018600 A

TITLE: Sampling and reconstruction of signals and images including MR images of

multiple regions

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

CITY NAME STATE ZIP CODE COUNTRY

Levin; David N. Chicago ILNagle; Scott Oak Park ΙL

US-CL-CURRENT: 382/284; 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawii De

File: USPT

☐ 24. Document ID: US 6005916 A

L8: Entry 24 of 31

Dec 21, 1999

US-PAT-NO: 6005916

DOCUMENT-IDENTIFIER: US 6005916 A

\*\* See image for <u>Certificate of Correction</u> \*\*

TITLE: Apparatus and method for imaging with wavefields using inverse scattering techniques

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Johnson; Steven A. Salt Lake City UT Borup; David T. Salt Lake City UT Wiskin; James W. Salt Lake City UT

Natterer; Frank Muenster DE Wubeling; F. Muenster DE

Zhang; Yongzhi Madison WI Olsen; Scott Charles Salt Lake City UT

US-CL-CURRENT: 378/87; 378/98, 600/425, 600/437

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawd De
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	25.	Docum	ent ID	: US 5	935216 A							
L8: E	ntry	25 of	31				File: U	JSPT		Auσ	10.	1999

US-PAT-NO: 5935216

DOCUMENT-IDENTIFIER: US 5935216 A

Aug 10, 1999

Page 3 of 5 Record List Display

TITLE: Methods for operating parallel computing systems employing sequenced communications

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

NAME CITY ZIP CODE STATE COUNTRY

Benner; Robert E. Albuquerque NM Gustafson; John L. Albuquerque NM Montry; Gary R. Albuquerque NM

US-CL-CURRENT: <u>709/248</u>; <u>712/17</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Seguenosis	Attachments	Claims	KWC	Draw, De
	26.	Docum	ent ID	: US 5	875108 A							

File: USPT

MA

01720

L8: Entry 26 of 31

US-PAT-NO: 5875108

DOCUMENT-IDENTIFIER: US 5875108 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition

based control system

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Steven M. Yonkers NY 10701-1705 Hoffberg-Borghesani; Linda I.

US-CL-CURRENT: 700/17; 382/181, 382/190, 700/83

Full	Title Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De

Acton

### ☐ 27. Document ID: US 5774357 A

L8: Entry 27 of 31 Jun 30, 1998 File: USPT

US-PAT-NO: 5774357

DOCUMENT-IDENTIFIER: US 5774357 A

TITLE: Human factored interface incorporating adaptive pattern recognition based

controller apparatus

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Steven M. West Harrison NY 10604 Hoffberg-Borghesani; Linda I. Acton MΑ 01720 Feb 23, 1999

US-CL-CURRENT: 713/600; 348/110, 348/27, 348/734, 712/240, 712/245

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 28. Document ID: US 5671136 A

L8: Entry 28 of 31

File: USPT

Sep 23, 1997

US-PAT-NO: 5671136

DOCUMENT-IDENTIFIER: US 5671136 A

TITLE: Process for seismic imaging measurement and evaluation of three-dimensional

subterranean common-impedance objects

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Willhoit, Jr.; Louis E.

Metairie

LA

70005

US-CL-CURRENT: 702/18

Full Title Citation Front Review Classification Date Reference Sequences (Attachments) Claims KMC Draw. De

☐ 29. Document ID: US 5588032 A

L8: Entry 29 of 31

File: USPT

Dec 24, 1996

US-PAT-NO: 5588032

DOCUMENT-IDENTIFIER: US 5588032 A

TITLE: Apparatus and method for imaging with wavefields using inverse scattering

techniques

DATE-ISSUED: December 24, 1996

INVENTOR-INFORMATION:

NAME CITY COUNTRY STATE ZIP CODE Johnson; Steven A. Salt Lake City UT 84108 Wiskin; James W. Salt Lake City UT 84112 Borup; David T. Salt Lake City UT 84103 Christensen; Douglas A. Salt Lake City UT 84121 Stenger; Frank 84103 Salt Lake City UT

US-CL-CURRENT: 378/8; 378/90, 378/901, 378/98, 702/1

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw De

☐ 30. Document ID: US 5072371 A

L8: Entry 30 of 31

File: USPT

Dec 10, 1991

US-PAT-NO: 5072371

DOCUMENT-IDENTIFIER: US 5072371 A

TITLE: Method for simultaneous overlapped communications between neighboring

processors in a multiple

DATE-ISSUED: December 10, 1991

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Benner; Robert E.

Albuquerque

NM

Gustafson; John L.

Albuquerque

NM NM

Montry; Gary R.

Albuquerque

NM

US-CL-CURRENT: 712/11; 712/21

Full Title Citation Front Review Classification Date Reference Section Attachments Claims KMC Draw Do

☐ 31. Document ID: US 5020411 A

L8: Entry 31 of 31

File: USPT

Jun 4, 1991

US-PAT-NO: 5020411

DOCUMENT-IDENTIFIER: US 5020411 A

TITLE: Mobile assault logistic kinetmatic engagement device

DATE-ISSUED: June 4, 1991

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Generate OACS

Rowan; Larry

Clear

Culver

CA

Print :

90230

US-CL-CURRENT: <u>89/1.11</u>; <u>376/319</u>, <u>60/203.1</u>, <u>89/8</u>

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Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

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